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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/544,355	04/06/2000	James A. McKeeth	MPATENT.164A	8050
24504	7590	09/09/2005	EXAMINER	
THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP			HU, JINSONG	
100 GALLERIA PARKWAY, NW			ART UNIT	
STE 1750			PAPER NUMBER	
ATLANTA, GA 30339-5948			2154	

DATE MAILED: 09/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/544,355

Applicant(s)

MCKEETH, JAMES A.

Examiner

Jinsong Hu

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 29-56 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 29-56 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. Claims 29-56 are presented for examination. Claims 1-28 have been canceled; Claims 29-56 are newly added claims.

#### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 29-56 rejected under 35 U.S.C. 103(a) as being unpatentable over Dreke et al. (US 6,463,471) in view of Aravamudan et al. (US 6,301,609).

4. As per claims 29 and 38, Dreke teaches the invention as claimed including a method for updating Domain Name System (DNS) information in response to a change in client status, the method comprising the steps of:

receiving a client request to update DNS information on a DNS server, the client being subscribed to a domain name [col. 2, lines 53-55];

on receipt of the client request, assigning an IP address to the client and updating an entry in an IP address table on the DNS server such that the domain name corresponds with the assigned IP address [col. 4, line 60-65]; and

determining a client status of on-line or off-line [col. 4, lines 33-39].

5. Dreke does not specifically teach responsive to off-line determination, updating the IP address table on the DNS server such that the domain name corresponds with an interactive file. However, Aravamudan on the other hand teaches responsive to off-line determination, updating the IP address table on the DNS server such that the domain name corresponds with an interactive file [col. 8, lines 19-31]. It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Dreke and Aravamudan because doing so would enable the server to have the accurate status information of users. One of ordinary skill in the art would have been motivated to modify Dreke's system with Aravamudan's updated status of users to increase the integrity of the system.

6. As per claims 30 and 31, Aravamudan teaches the interactive file comprises a first web page that is configured to provide information to the first client and configured to allow the first client to leave a message for the second client [col. 7, lines 21-40; i.e., the second user be able to access certain file or webpage of first user to leave the messages].

7. As per claims 32 and 39, Aravamudan teaches the second web page includes at least one of messages received while client was off- line, a time of last log-on by client, or a duration the client was off-line [col. 8, lines 44-55].

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8. As per claims 33 and 40, Aravamudan teaches determining if the client is authorized to administer the domain name [col. 1, lines 59-62].

9. As per claims 34-35, Dreke and Aravamudan teach the invention substantially as claimed in claim 29. Both references do not teach the step of processing request and notifying the client that the request has been processed. However, it would have been obvious to a person of ordinary skill in the art at the time the invention was made include these steps because doing so would bring convenience to user by allowing the user being acknowledged once the request being processed. One of ordinary skill in the art would have been motivated to modify the combination system of Dreke and Aravamudan system to benefit user.

10. As per claims 36 and 37, Dreke teaches the step of monitoring arrival of a signal that is periodically transmitted by the first client, the arrival of the signal indicating that the status of the first client is on-line [col. 4, lines 37-44].

11. As per claims 41-49, since they are program claims of claims 29-37, they are rejected for the same basis as claims 29-37 above.

12. As per claims 50-56, since they are system claims of claims 29 and 32-36, they are rejected for the same basis as claims 29 and 32-36 above.

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**Conclusion**

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinsong Hu whose telephone number is (571) 272-3965. The examiner can normally be reached on 8:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jinsong Hu

September 2, 2005

  
JOHN FOLLANSBEE  
SUPERVISOR, PATENT EXAMINER  
TECHNOLOGY CENTER 2100